ABSTRACT

Feedthrough assemblies and methods for their manufacture are provided. The feedthrough assemblies include a ferrule, an insulating material contacting the ferrule, and a terminal extending through the ferrule and having first and second areas separated by an area contacting the insulating material. A brazing material contacts the insulating material and the terminal's first area, and a conductive material covers the terminal's second area. The presence of the conductive material causes current density to be dispersed away from the brazing material.